

SUSSEX

COUNTY LUNATIC ASYLUM

HAYWARDS HEATH.



FIFTEENTH ANNUAL REPORTS

FOR 1873.

LEWES:
PRINTED BY GEO. P. BACON, HIGH STREET.

1874.

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COMMITTEE OF VISITORS AND OFFICERS.

1874.

EASTERN DIVISION.

1. Burrell, Walter Wyndham, Esq., Cuckfield.
2. *†Campion, Captain William Henry, Danny, Hurstpierpoint.
3. Carpenter, Charles, Esq., Brighton.
4. Darby, George, Esq., Markly, Hawkhurst.
5. Day, John, Esq., Uckfield House.
6. *Godlee, Burwood, Esq., Lewes.
7. Hankey, John Alexander, Esq., Balcombe Place, Cuckfield.
8. *Laurie, Peter Northall, Esq., Pax Hill, Lindfield.
9. Lewis, Major William Rowe, Hollington, Hastings.
10. *†Meek, George, Esq., Brantridge Park, Balcombe.
11. *†Norman, John Manship, Esq., Dencombe, Crawley.
12. *†Rose-Holden, Colonel John Rose, The Ferns, Wivelsfield.
13. *†Sclater, James Henry, Esq., Newick Park, Lewes, *Chairman*.
14. †Sergison, Warden, Esq., Cuckfield Park.

WESTERN DIVISION.

1. Aldridge, Major John, St. Leonards, Horsham.
2. Borrer, Captain Cary Hampton, Horsham.
3. Dickins, Charles Spencer Scrase, Esq., Coolhurst, Horsham.
4. Gibson-Carew George Carew, Esq., Sandgate Lodge, Steyning.
5. Godman, Joseph, Esq., Sladeland, Petworth.
6. Goring, Revd. John, Clerk, Wiston Park, Steyning.
7. *Lloyd, Colonel George Kirwan Carr, Lancing, Shoreham.
8. Wisden, Major Thomas Faulconer, Broadwater, Worthing.

BRIGHTON BOROUGH.

1. Burrows, Sir John Cordy, Knt., Brighton.
2. Tatham, George, Esq., Brighton.

OFFICERS.

Medical Superintendent.—S. W. D. Williams, Esq., M.D.
Senior Assistant Medical Officer.—Richard Greene, Esq., L.R.C.P.E.
Junior Assistant Medical Officer.—Alfred H. Newth, Esq., M.B.
Chaplain.—Revd. Thomas Edw. Crallan, M.A.
Clerk of the Asylum.—Mr. S. A. Mortlock.
Storekeeper.—Mr. W. H. Sherman.
Housekeeper.—Mrs. Stroud.
Head Attendants.—Mr. T. W. Buckle (Male Department).
 Miss Buckle (Female Department).
Treasurer.—George Whitfeld, Esq., Lewes.
Clerk to the Visitors.—H. Jones, Esq., Lewes.

*Member of the House and Finance Committee.
†Member of the Farm Committee.



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SUSSEX COUNTY LUNATIC ASYLUM, HAYWARDS HEATH.

FIFTEENTH ANNUAL REPORT OF THE COMMITTEE OF VISITORS.

To Her Majesty's Justices of the Peace for the County of Sussex, assembled in Quarter Sessions, held at Lewes, in and for the Eastern Division of the said County, on Monday, the 5th day of January, 1874; and at Petworth, in and for the Western Division of the said County, on Thursday, the 8th day of January, 1874.

THE COMMITTEE OF VISITORS of the Sussex County Lunatic Asylum, appointed at the Epiphany Sessions, 1873, have the satisfaction of reporting, as heretofore, very favourably of the general condition and management of the Asylum. Satisfactory condition of Asylum.

They refer the Court to the annexed Report of Dr. Williams, the Medical Superintendent, and to the Statistical Tables appended thereto, for information as to the details of the past year.

The numbers at present in the Asylum are 343 males, and 391 females, making a total of 734, as against 714 at the corresponding period of last year. The increase, however, would have been greater but that a large number of patients have been discharged during the year, and 18 chronic and harmless lunatics have been returned to Workhouses or to their friends. Numbers in Asylum.

Division of
Office of Clerk
and Steward.

The Committee have found it necessary to divide the Offices of Clerk and Steward, heretofore held conjointly by Mr. S. A. Mortlock. A new Storekeeper has been appointed, and the Office of Assistant to the Steward and Storekeeper has been abolished.

Maintenance
Rate.

The Committee have pleasure in reporting that, notwithstanding the continued high cost of the necessities of life, they have been able, by strict economy, with a due regard, however, to the comfort of the patients, to keep the rate of maintenance at 9s. 6d. per week for each patient—a rate lower than most, if not all, the Asylums within 100 miles of London. This satisfactory result is partly owing to the profits derived from the Farm.

New Recreation
Hall.

The Committee reported to the Court at the last Easter Session that the old Recreation Hall, designed originally to hold 300 inmates, had been found insufficient for the now largely increased numbers, and an order was made, authorising the Committee to build a new Hall at a cost of £2,390, adapted to hold 500 patients, and providing at the same time a commodious Visiting Room for the large number of relatives and friends of the patients who now attend on visiting days. This has been done, and by the changes of structure involved in these alterations, increased accommodation has been obtained, not only for 26 female patients, but also for the Housekeeper and nine House Servants, several of the latter of whom were compelled to sleep in a room in the tower over the water tanks, which was a most unsuitable place, and at a long distance from their employment, whereas now they are placed close to their work. Rooms have also been provided for the Junior Assistant Medical Officer, thereby removing the inconvenience which

was experienced from his residence being away from the Asylum.

The Committee have also built two semi-detached cottages, New Cottages. outside the Asylum gate, so as to provide dwellings for artisans required to live near at hand.

The Committee regard with satisfaction the fact that the Cost defrayed out of Balance. cost of these buildings has been defrayed under the provisions of 25 and 26 Vict., chapter 111, out of the surplus fund at their disposal, and that, in carrying out these important objects, it has not been necessary to apply to the Court of Quarter Sessions for any grant of money.

The general conduct of the Officers of the Asylum, during Conduct of Officers. the past year, has been satisfactory.

The condition of the Asylum is such as reflects great credit on Dr. Williams, who continues to be indefatigable in the performance of his duties.

The Farm continues to show **very** beneficial results, not Farm. only from its improved cultivation, but also from the valuable employment it affords to lunatic patients, and its returns, though not yet complete, will contrast favourably with those of preceding years.

(Signed) JAMES H. SCLATER,
Chairman.

Haywards Heath,
20th December, 1873.

SUSSEX LUNATIC ASYLUM, HAYWARDS HEATH.

BALANCE STATEMENT for the Quarter ending 31st December, 1873.

[illegible]

Submitted to the Finance Committee, this 31st day of January, 1874.

(Signed)

JOHN MANSHIP NORMAN.

GEORGE MEEK.

W. HENRY CAMPION.

(Signed)

S. A. MORTLOCK,

Clerk of the Asylum.

INCOME and EXPENDITURE for the Year ending December 31st, 1873.

(Signed)
JOHN MANSHIP NORMAN.
GEORGE MEEK.
W. HENRY CAMPION.

(Signed)
S. A. MORTLOCK,
Clerk of the Asylum.

AVERAGE WEEKLY EXPENDITURE <i>for the Year for each Patient, from Weekly Rate.</i>						
	QUARTERS ENDING				Average for the Year 1873.	
	March 31st.	June 30th.	Sept. 30th.	Dec. 31st.		
	s. d.	s. d.	s. d.	s. d.	s. d.	
Provisions.. .. .	5 2½	4 4½	4 6¾	5 1¼	4 9½	
House and other Expenses	1 11½	1 9½	1 11¾	2 1	1 11¾	
Clothing	0 6½	0 5½	0 5¾	0 7	0 6½	
Salaries and Wages	2 1½	2 0½	2 0½	2 1½	2 1	
Medicine, Wine and Spirits	0 2½	0 2½	0 2	0 2	0 2	
Incidentals	0 1½	0 0½	0 0½	0 0½	0 0½	
Net Cost ..	10 1½	8 9½	9 2½	10 1½	9 6½	
Weekly Rate charged to the Unions contributing to the Asylum.. ..	9 6	9 6	9 6	9 6	9 6	
Do. do. Not contributing do.	14 0	14 0	14 0	14 0	14 0	
Do. do. for Private Patients..	16 0	16 0	16 0	16 0	16 0	



FARM AND GARDEN ACCOUNT.

Dr. From 1st January to 31st December, 1873. Cr.

	£	s.	d.	£	s.	d.	By Sale of—	£	s.	d.	£	s.	d.
To Estimated Value of Live Stock	1327	2	0				Calves.....	18	5	0			
Estimated Value of Dead ditto	443	15	0				1 Pig	5	0	0			
Tenants' Valuation	431	15	0				Hides and Skins	178	3	4			
Estimated Value of Provender	572	13	0				Rough Fat, &c.	45	18	9			
				2775	5	0	Wheat	169	10	0			
							Wool	39	11	8			
To Purchase of—							Fagots, Bark, Poultry, &c.	14	8	0			
Hay	77	2	9				Use of Stock.....	15	4	0			
87 Cows and Beasts	1960	16	9				Discount and Empties..	3	14	6			
274 Sheep	708	16	3								489	15	3
1 Pig	13	0	0				By Produce Supplied to House:—						
Oil Cake	233	0	0				27,255 lbs. Beef ..@ -/7 ³ / ₄	880	2	2 ¹ / ₂			
Bran	29	15	5				33,702 „ ditto ..@ -/8 ¹ / ₄	1158	10	1			
Barley and Maize.....	433	13	0				21,397 lbs. Pork ..@ -/7 ¹ / ₂	668	13	1 ¹ / ₂			
Straw	307	17	2				Livers, Bells, &c.	36	18	8			
Seeds and Plants	65	10	6				7,560 lbs. Mutton @ -/10 ¹ / ₂	330	15	0			
Manure and Lime ...	119	1	3				8,041 „ ditto ..@ -/9 ³ / ₄	326	13	4			
Implements	19	8	2								3,401	12	5
Wages of Bailiff, Gardener, Cowman, Carter, and other Servants employed on Farm	358	5	8				15,335 galls. Milk ..@ -/11	702	17	0			
Grinding	40	8	0				4,082 No. Eggs ..@ -/1	17	0	2			
Railway Carriage	31	2	9				100 „ Poultry @ 2/-	10	0	0			
Thrashing	6	19	8				36 „ Rabbits @ -/10	1	10	0			
Thatching	3	3	0								731	7	2
Valuation	7	7	0				2,748 bus. Cabbage @ 1/-	137	8	0			
Sundries.....	51	17	7				103 „ Onions ..@ 2/-	10	6	0			
				4467	4	11	1276 „ Potatoes @ 2/8	170	2	8			
							228 „ Peas@ 2/-	22	16	0			
Rates and Taxes	47	17	6				308 ¹ / ₂ „ Beans ..@ 2/-	30	17	0			
1800 Bushels of Grains, at 4d. per Bushel	30	0	0				211 „ Carrots @ 2/-	21	2	0			
Estimated Rent of Land	150	0	0				316 „ Parsnips @ 2/-	32	12	0			
				227	17	6	380 „ Turnips @ -/10	15	16	8			
							2,160 No. Cauliflower@ -/2	18	0	0			
							Other Vegetables	30	16	10			
							Fruit and Rhubarb	31	17	6			
							Vegetables and fruit supplied to Medical Superintendent.....	24	1	10			
											545	16	6
Balance in favour of Farm				982	5	9	Kcep of House Horse ..	23	8	0			
											23	8	0
							By Estimated Value of Live Stock	1568	17	0			
							„ Dead ditto ..	464	12	6			
							„ Tenants' Valuation....	719	4	4			
							„ Provender ..	508	0	0			
											3260	13	10
											£8,452	13	2

ESTIMATED VALUE OF FARM STOCK:—

1872. December 31 :—	£	s.	d.	1873. - December 31 :—	£	s.	d.
29 Cows, Fattling Beasts and Calves	626	18	0	26 Cows, Fattling Beasts, and Calves	588	0	0
70 Sheep	181	8	0	103 Sheep	299	5	0
6 Horses.. ..	259	10	0	6 Horses	254	0	0
143 Head of Swine	242	10	0	190 Head of Swine	410	19	0
170 Head of Poultry	16	1	0	103 ³ / ₄ Head of Poultry	15	9	0
Ferrets	0	15	0	8 Ferrets	1	4	0
	1327	2	0		1,568	17	0
Dead Stock, Implements, &c.	433	15	0	Dead Stock, Implements, &c.....	464	12	6
Tenants' Valuation	431	15	0	Tenants' Valuation	719	4	4
Provender	572	13	0	Provender	508	0	0
	£2,775	5	0*		£3 260	13	10*

Examined by Farm Committee,
January 31st, 1874.

J. MANSHP NORMAN.
GEO. MEEK.
W. HENRY CAMPION.

(Signed) S. A. MORTLOCK, Clerk of the Asylum.

These Valuations were made by Mr. Thos. Bannister, Haywards Heath.

An Abstract of the Annual Returns of Pauper Lunatics chargeable to the several Unions and places in the County of Sussex, 1st Jan., 1874.

CHARGEABLE TO UNIONS AND COUNTY.	In County Asylum.		In Private Asylum.		In Asylums in other Counties.		In Work- houses.		In Lodg- ings or Boarded out.		With Friends.		TOTAL.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Battle	9	13	1	..	..	..	1	3	1	..	2	5	14	21
Brighton	71	81	..	..	..	..	47	51	..	..	8	6	126	138
Chailey	11	9	..	..	..	..	1	..	1	..	3	4	16	13
Chichester (Incorporatn)	10	7	..	..	..	..	1	1	..	..	1	3	12	11
Cuckfield	10	16	..	..	..	..	4	5	..	1	3	6	17	28
Eastbourne	8	12	..	..	..	1	1	4	..	..	..	1	9	18
East Grinstead	11	7	..	..	..	1	11	9	..	..	1	5	23	22
East Preston	9	12	..	..	..	..	1	7	..	..	5	8	15	27
Hailsham	10	12	1	..	..	..	4	5	..	..	3	6	18	23
Hastings	25	25	..	..	1	..	2	6	..	..	2	2	30	33
Horsham	12	24	..	..	..	..	5	9	..	..	7	14	24	47
Lewes	5	12	..	..	1	..	2	3	..	..	..	1	8	16
Midhurst	9	12	..	..	..	..	2	2	1	2	4	7	16	23
Newhaven	5	5	..	..	..	..	2	6	..	..	..	..	7	11
Petworth	7	6	..	..	1	..	2	4	..	..	1	1	11	11
Rye	9	9	..	..	..	..	5	6	..	..	3	5	17	20
Steving	9	19	..	..	..	..	4	6	..	..	4	7	17	32
Thakeham	5	8	..	..	1	..	2	1	..	..	..	2	8	11
Ticehurst	12	14	..	..	..	..	5	8	1	..	2	2	20	24
Uckfield	11	13	..	..	..	..	2	3	2	..	6	9	21	25
Westbourne	4	10	..	..	..	..	1	1	..	..	2	2	7	13
Westfirle .....	..	2	..	..	..	..	..	..	..	..	1	1	1	3
Westhampnett	22	16	..	..	..	..	4	6	..	..	3	6	29	28
County-Eastern Division	6	5	..	..	..	..	..	..	..	..	..	..	6	5
Do. Western do.	1	..	..	..	..	..	..	..	..	..	..	..	1	..
TOTALS.....	291	349	2	..	4	2	109	146	6	3	61	103	473	603

SUMMARY.

Years	In Asylums		In Workhouses.		With Friends.		TOTALS.		
	M.	F.	M.	F.	M.	F.	M.	F.	M. & F.
1st January, 1855.	92	127	79	54	45	85	216	266	482
1st January, 1868.	242	301	95	107	62	84	399	492	891
1st January, 1869.	250	318	102	110	67	84	419	512	931
1st January, 1870.	246	326	109	108	72	83	427	517	944
1st January, 1871.	275	348	116	120	79	101	470	569	1039
1st January, 1872.	264	341	111	141	84	120	459	602	1061
1st January, 1873.	284	343	122	140	79	109	485	592	1077
1st January, 1874.	297	351	109	146	67	106	475	603	1078

S. A. MORTLOCK,

Clerk of the Asylum.

THE
MEDICAL SUPERINTENDENT'S
FIFTEENTH ANNUAL REPORT.

THE Medical Superintendent has the honour to submit the Fifteenth Annual Report.
Fifteenth Annual Report to the Committee of Visitors.

On the 31st December, 1872, the numbers in the Asylum Numbers on the 31st Dec., 1872.
were, Male 332, Female 383. Total 715.

The admissions during the year have been, Male 100, Admissions.
Female 104. Total 204.

The discharges during the year have been, Male 45, Discharges.
Female 71. Total 116.

The deaths during the same period have been, Male 45, Deaths.
Female 25. Total 70.

The mean population resident during the year has been, Mean Annual Population.
Male 337.3, Female 392.7. Mean average 730.

The numbers in the Asylum this day (31st December, Numbers this day, 31st Dec., 1873.
1873) are, Male 342, Female 391. Total 733.

The several numerical results are summed up in the first Numerical results of the year.
Table in Appendix A to this Report.

The Numerical Results of the year 1873 yield the follow- Annual per cent-
ages for 1873.
ing per centages :—

(a.) The Discharges (including the cases Relieved) are 56.8 per cent. on the admissions of the year. Excluding those cases Relieved, the per centage of Recoveries on the admissions stands at Male 30.0, Female 41. Average 35.7. On the mean number resident it is Male 8.8, Female 11. Average 10.

Mean Annual
Mortality.

(b.) The mean Annual Mortality is Male 13.0, Female 6.6. Average 9.5.

Classification of
Patients.

The Patients in the Asylum may be classified as follows:—

	M.	F.	T.
Chargeable to Unions and Boroughs in Sussex ...	289	348	637
Chargeable to out County Unions and Boroughs	48	29	77
Private Patients	5	14	19
Total.....	342	391	733

Numbers charge-
able to Sussex.

It will thus be seen that the number of Patients in the Asylum at the present time chargeable to Sussex is 289 Males and 348 Females—Total, 637—which is much as it has been for the last four years.

Present accom-
modation.

The accommodation in the Asylum is for 376 Males and 440 Females—Total, 816. So that we have still 87 beds for Males and 91 beds for Females—Total, 178—at the disposal of the county, which, looking at the crowded state of nearly all the other County Asylums in England, is a matter for considerable congratulation to the ratepayers of Sussex. In all

human probability it will be many years before they will be called on to contribute any further money to the erection of additional accommodation for their insane poor.

It must not be inferred, however, that this satisfactory state of affairs is due to there being less insanity in this county than in the rest of England. A glance at the table on the tenth page will show that this is not the case. On the contrary, insanity in Sussex, as that table demonstrates, is steadily on the increase, *pari passu* with the increase of the population. Moreover, the admissions this year have been unusually numerous, and of a very unsatisfactory character. The plan, however, of discharging chronic and harmless lunatics to their relations has been continued, still with the most satisfactory results, and many patients of the same class, but who have no relations able or willing to take charge of them, have been discharged to their respective Union Workhouses. (Eighteen were thus discharged in one batch last September.) These cases do not require the expensive arrangements of a hospital. The accommodation at the Union House is amply sufficient for them, and they can there be maintained at a much less cost than here, which is so far a relief to the heavily burdened ratepayer. These are the means by which it has been possible for some years past to preserve the numbers in the Asylum from increase. The Medical Superintendent is aware that the plan of sending such cases to Workhouses has been found to fail in some other counties, but as yet it has answered satisfactorily here, as none of the eighteen cases sent to the Workhouses last September have yet returned, and letters have been received from several of them expressing their satisfaction. Moreover, as a rule, the patients themselves prefer being returned to their Unions, as they are

then near their friends and relations, and can be visited much more frequently than when in the Asylum.*

Admissions.

The Admissions may be classified as follows :—

	M.	F.	T.
From Unions and Boroughs in Sussex.....	80	91	171
From Out County Unions	15	1	16
Private Patients	5	12	17
Total.....	100	104	204

They were of a more than usually unfavourable class, and only 80 out of the number could be deemed at all curable ; 40 were cases of Progressive Paralysis and brain softening ; 26 were over sixty years of age, and 12 over seventy.

* OVERCROWDED ASYLUMS AND THE REMEDY.—Whether insanity be increasing in a greater ratio than population is a moot point. But that it increases at an equal rate with population is admitted. And the consequence is that in some counties the asylums are overcrowded. A very interesting correspondence on this subject is published in the *Sussex Advertiser* between Dr. S. W. D. Williams, of the County Asylum, Hayward's-heath, and the Guardians of Hailsham. Dr. Williams holds that the only way of keeping the tendency to fill asylums and the consequent demands upon the ratepayers within reasonable limits is to weed the asylums of harmless and chronic cases, sending them back to their friends, or to the workhouses, according to circumstances. He has found—contrary to the usual opinion—that the poor are more willing and anxious to have the personal care of their insane relatives than those in higher classes of life. Scarcely a week passes but he is earnestly solicited to relegate patients to the care of relatives. Acting upon this experience, 100 chronic lunatics—nearly 15 per cent.—have been returned to their homes or to workhouses over and above those discharged as cured. In this way, though insanity increases with population in Sussex, the numbers of the asylum do not increase. It will be interesting to learn how far a further experience will justify Dr. Williams's system. One question arises of interest, in addition to the risk of entrusting insane patients to the care of relatives probably otherwise fully employed—viz., the effect upon relatives themselves of the constant association with the demented. This cannot be advantageous. It should be said that Dr. Williams urges upon the Guardians and all concerned the importance of placing acute and recent cases under asylum treatment with as little delay as possible.—*The Lancet*, Feb. 28th, 1874.

A. H., admitted on March 8th, was in a very precarious condition, being in a state of acute mania, and having very considerable effusion into the pleura. Paracentesis thoracis was performed the next day, and four pints of fluid were removed. He made a rapid recovery, and was discharged in three months.

W. L., was admitted on April 21st with a self-inflicted incised wound of the throat; and J. B., on December 4th, in much the same condition. The former was discharged recovered in about four months, and the latter is convalescent.

W. M., an old chronic lunatic, who had been taken care of by his relations for many years; attempted to chop off his hand with a hatchet, and was admitted into this Asylum on October 4th. After admission the disease of the brain assumed an acute form, and he died on the 15th of the same month.

Reviewing the admissions, and noting the fact that by far the greater majority were in a chronic condition as to their mental disease, it cannot but strike an impartial observer as a subject for much regret that when persons become acutely insane they are not at once sent to the Asylum. In some of the unions of this county the insane are often taken to the workhouses prior to being taken to the Asylum. Thereby much valuable time is lost. All authorities on lunacy are agreed, and their belief is borne out by ample statistics, that if acute insanity is to be cured it must be placed under treatment at once. Every hour is of the utmost importance. The Medical Superintendent ventures urgently to press this question on the attention of Boards of Guardians as being worthy of their earnest consideration, both from a humanitarian and a financially economical point

of view. If it be granted that an insane person, placed at the commencement of his attack under treatment, is more likely rapidly to recover than if skilled attention to his case be delayed, humanitarianism is served by his early return to health and his family, and economy is furthered by his being chargeable to the ratepayers for a shorter period. Whereas if he is allowed to remain in the union or at large until his case assumes a chronic phase, he becomes probably permanently a burden on the ratepayers, and his services are lost to the family circle. One reason for the hesitation with which cases are sent here is that there is doubtless a widespread belief abroad that persons sent to asylums are seldom discharged unless cured. Whatever may be the custom elsewhere, the Medical Superintendent begs Boards of Guardians in Sussex to disabuse themselves of this prejudice as regards this Asylum. It has already been shown that within the last four years one hundred chronic lunatics, nearly 15 per cent. of the inmates, have been returned to the union houses or to their relatives over and above the patients discharged in the ordinary way as recovered, and the Medical Superintendent assures them that he considers it one of his most important duties carefully to watch the chronic cases, in order that he may, from time to time, recommend those that have shown themselves to be harmless, and not likely to be benefited by further treatment, to the Committee for discharge. This line of conduct he hopes in the future, as in the past, carefully to pursue. He asks in return that the Boards of Guardians will direct their officials to send all duly certified acutely insane persons at once to the Asylum, in order that he may have a fair chance in the arduous fight with the disease.

Deaths.

There is nothing to call for special notice amongst the deaths, the majority of which have been from organic brain

disease. The percentage is below the average. *Post-mortem* examinations have been performed in twenty-eight cases, and would have been held in many more, but that the relatives so frequently object, and no examination is ever made without first acquainting them, and giving them the opportunity of refusing. It is a matter for much regret that so many do object, but the feeling appears to be very strong in this county against such examinations; stronger apparently than in most other counties. More than once this objection has been traced to a promise extorted by the patient before death.

J. H. (1), a patient, who was nearly convalescent, escaped ^{Escapes.} from the walking party on January 26th, and walked to London, where his father resides. The Head Attendant brought him back on the 31st.

J. H. (2), who had been for some time trusted to do odd jobs alone on the farm, being harmless and quiet, took advantage of being beyond supervision, and walked away. This was on April 9th. The next day information was sent to the Asylum that he had wandered as far as Shoreham, from whence the Head Attendant fetched him.

There has been a more than usual immunity from accidents ^{Accidents.} during the past year, notwithstanding the increase in our population, and consequently in troublesome cases. The most important were the following:—

1. A. B., who works with the Butcher, accidentally let a heavy weight fall on his foot, fracturing one phalanx.

2. W. N., a troublesome case, suffering from progressive paralysis, ran up against an irritable epileptic, who immediately struck him a severe blow in the lower part of the

axillary region of the chest on the right side. The Medical Superintendent saw the blow struck, and, on examination, found the seventh rib fractured. This patient died from the paralysis on March 25th, and the *post-mortem* examination revealed a most brittle and diseased state of the ribs, which were easily broken by a force of 13lbs.

3. M. D., an old woman of 87 years, and in very feeble health, fell accidentally on 7th November, and fractured the neck of the thigh bone within the joint.

Inquests.

There have been two Inquests during the year :—

1.—B. D., who was admitted on July 18th from Brighton in a moribund state, and died in twelve hours. The evidence before the Coroner proved to the satisfaction of himself and the jury that the man, who had been furiously maniacal for some days previously, appeared quite strong enough to be removed here when he started from Brighton, but that during the journey sudden exhaustion came on without any warning, as will frequently happen in such cases, and he never rallied.

2.—E. S. was found dead in bed by the night nurse on August 11th, having evidently died during an epileptic seizure, to which she was subject. A verdict was returned in accordance with these facts. This death occurred during my absence from home. The following correspondence, which explains itself, took place respecting it with the Commissioners in Lunacy :—

[COPY.]

Office of Commissioners in Lunacy,
19, Whitehall Place,

August 21, 1873

SIR,—Referring to the statutory notice received at this Office of the death of E. S., a patient in Sussex Asylum, from epilepsy, between 4 p.m. and 6 a.m. of the 11th inst., the Commissioners direct me to in-

quire whether she was then in an associated dormitory, or where, and under what special supervision, and when last seen alive by any and what attendant. You will be good enough to give full particulars of the death, and as to the night watching of the patient.

I am, Sir,

Your obedient servant,

(Signed)

THOS. MARTIN

(For the Secretary).

Richard Greene, Esq.

(COPY.)

Sussex Lunatic Asylum,

August 22, 1873.

SIR,—In answer to your letter of the 21st inst., referring to the death of E. S., I beg to inform you that she died between the hours of 4 a.m. and 6 a.m. on the 11th, and not between 4 p.m. and 6 a.m. as stated in your letter.

She slept in a three-bedded room, and the other beds were occupied by patients, from one of whom I learned that she had a fit between 10 and 11 p.m. on the 10th.

Patient was put to bed by the second day nurse at 8 p.m. on the 10th, and was regularly visited by one of the night nurses every two hours; was last seen alive at 4 a.m. on the 11th by the charge night nurse, was next visited by the second night nurse at 5.30, when patient was *apparently* asleep, though I have no doubt she was then dead, judging at least from the temperature of the body, when I saw it three-quarters of an hour later.

She was then, about 6.15, lying on the left side, and had died without any struggle, as the bedclothes were not disarranged.

Beyond the regular visits of the night nurses, she was under no special supervision, as she was in her usual state when put to bed on the evening of the 10th.

I enclose a copy of my letter to the Coroner.

I am, Sir,

Your obedient servant,

(Signed)

RICHARD GREENE.

To the Secretary of the
Commissioners in Lunacy.

(COPY.)

Office of Commissioners in Lunacy,

19, Whitehall Place,

23rd August, 1873.

SIR,—I am directed by the Commissioners to inform you that they have had under consideration the circumstances attending the death of E. S.

The Commissioners desire me to say that the case only confirms the view which they have independently formed, that in all Asylums it

would be productive of the greatest benefit if arrangements were made for the care of epileptic and suicidal patients at night in special wards, under the constant supervision of night attendants having no other duties.

Such special wards have been established in several Asylums with the best results, and it has been found practicable to establish a constant watch even where the patients occupy single rooms.

I am to request that you will draw the attention of the Visiting Committee to this expression of the Commissioners' opinion.

I am, Sir,
Your obedient servant,
(Signed) THOS. MARTIN,
For the Secretary.

Richard Greene, Esq.

(COPY.)

TO THE COMMITTEE OF VISITORS.

GENTLEMEN,—I lay before you a correspondence which has taken place during my absence, between the Assistant Medical Officer and the Commissioners in Lunacy, respecting the death of E. S., in this Asylum, on the 11th inst., and I have the honour to submit the following remarks on it for your information.

“Special Supervision” of suicidal patients at night, as recommended by the Commissioners, already exists here for suicidal patients, it having been my invariable custom ever since I have acted as Medical Superintendent of this Asylum, whenever I have had suicidal cases under my charge, to specially tell off an attendant (independently of the ordinary night attendant) to watch, and *never leave these cases*, and this often continues for many weeks at a time.

It may also be said that the majority of our epileptics are under very constant supervision, because the night nurses, when not going their rounds, sit in the ward for epileptics, and *must* hear any unusual sounds. Independently of which they are instructed to satisfy themselves every two hours that each individual case is all right.

I have, however, long felt that even more constant supervision than this would be advisable, and with a view to laying the question before you, have carefully considered how some such a scheme as the Commissioners propose could be carried out, but have hitherto failed to solve the difficulties, and for these reasons :—

We have 40 epileptics of each sex in this Asylum, and I should view with alarm the collecting 40 epileptics in one ward with one nurse to look after them ; and it is a question whether the expense of keeping two or three extra night nurses would be justifiable.

But independently of this, we have no ward in which we could collect so many cases so as to be constantly under supervision, and the structural arrangements of the building are such that no adjunct could possibly be built to the epileptic wards.

The Commissioners say that such special wards have been established in some Asylums, but I imagine they must be small or new Asylums, wherein the number of epileptics is small.

Again, the Commissioners seem to recommend that both epileptics and suicidal cases should be classed together for the purposes of "constant supervision." But in my humble judgment this would be a most undesirable arrangement, because suicidal patients are generally of the acute and curable class. To shut them up all night with a lot of incurable and disgusting epileptics would scarcely tend to their peace of mind or recovery.

The only improvement I can suggest would be for a third night attendant to be appointed on each side, whose sole duty it shall be to pass to and fro between the epileptics all night.

I am, Gentlemen,

Your obedient servant,

(Signed)

S. W. D. WILLIAMS,

Medical Superintendent.

Sussex Lunatic Asylum,
August 30th, 1873.

[COPY.]

Sussex Lunatic Asylum,

19th October, 1873.

SIR, — With reference to the correspondence with your office arising out of the death of E. S., in which the Commissioners suggested an alteration in the night nursing of this Asylum, I beg to enclose you, for their information, the regulations for the extra attendants who have been appointed.

We have now six night attendants (three male and three female) on duty every evening, independently of any extra attendants who may be told off from time to time to watch specially suicidal or acute cases.

It is the sole duty of one of these attendants on each side to watch the epileptics. He sits in the epileptic ward with all the doors open, and satisfies himself by minute inspection every hour that each individual case is alive and well.

The ward contains two dormitories (each of six beds)—one three-bedded room and five single rooms (one padded). In this ward all the worst epileptics are collected. The remaining epileptics sleep in an adjacent dormitory, which also receives a bed-to-bed inspection every hour.

These hourly visits are independent of the visits of the ordinary night nurses every two hours.

I trust that these arrangements will meet the wishes of the Commissioners.

I am, Sir,

Your obedient servant,

(Signed)

S. W. D. WILLIAMS, M.D.,

Medical Superintendent.

The Secretary

Commissioners in Lunacy.

[COPY.]

Office of Commissioners in Lunacy,
19, Whitehall Place,
October 28th, 1873.

SIR,—I have laid before the Board your letter of the 19th inst., transmitting for their information the new regulations for the extra night attendants appointed at the Sussex Lunatic Asylum.

I am to express the Commissioners' satisfaction at the increase of the staff, and to intimate that the new regulations are, in their opinion, a considerable improvement upon the previous arrangements; but at the same time, I am to observe that the system of night watching which the regulations and your letter particularise is not a system of *continuous* night watching such as has been introduced with good results at Prestwich and elsewhere, and which the Commissioners consider alone effectual for the prevention of the casualties in question.

I am, Sir,

Your obedient servant,

(Signed)

CHAS. SP. PERCIVAL,
Secretary.

S. W. D. Williams, Esq., M.D.

Death of Mrs.
Barker.

Mrs. Barker, the wife of the Hall Porter, and who herself assisted in the work of the centre offices, was suddenly taken with uræmic poisoning on 7th April, and died on the 10th.

She was respected in the establishment as a quiet, unassuming, reliable person, and her death was a subject of general regret.

Visit of the Com-
missioners in
Lunacy.

The Commissioners in Lunacy visited the Asylum on January 29th and 30th, inspected all parts of the establishment, and saw all the patients. Their report will be found at page 31.

Alterations and
Improvements.

The following additions, alterations, and improvements have been made to the fabric during the year:—

1. The erection of a very fine Recreation Hall, with a fixed Proscenium and Stage at one end. The old Hall, which was built when the Asylum was erected, had, owing to the great increase in our numbers, become much too small, and when we had entertainments many patients were debarred

from being present, owing to want of space. The new Hall will accommodate 500 people. It will be a great boon to the patients, and will be the means of developing more fully a now well-recognised agent in the successful treatment of the insane. The records of psychological medicine are full of cases wherein the first sign of mental amelioration has been traced to some innocent amusement, and there is now no first-class asylum without its spacious Recreation Hall.

2. Another very urgent want in this Asylum for many years has been accommodation for the Junior Assistant Medical Officer, the Housekeeper, and the Kitchen Servants. The Junior Assistant Medical Officer has hitherto lodged out of the House, and the Kitchen Servants have occupied rooms belonging to the patients in the midst of the Females' Department, and a long way from their work, the inconvenience of which need scarcely be insisted on. The Visiting Room shares the same fault as the old Recreation Hall, and is much too small. It has, therefore, been taken down and rooms built on its site for the above-named officers. These rooms are contiguous to the Kitchen. The ground-floor will be occupied by the Kitchen Servants, and the first floor by the Housekeeper and Junior Assistant Medical Officer. By this arrangement the Kitchen Servants will be close to their work, and the Housekeeper will be at hand to supervise them.

The new Recreation Hall will serve for the two-fold purpose of recreation and visiting.

3. Two semi-detached Cottages are in course of erection opposite the Entrance Gates. One of these is to be occupied by the Engineer, it being imperatively necessary that this officer should reside on the premises, so as to be immediately on the spot, in case of any emergency from fire, the breaking

down of machinery, or wot not. He has hitherto occupied the Lodge at the entrance, which is, however, much too small for a large family to reside in with any regard to proper sanitary arrangements.

4. The day-room space in F.6 Ward has been increased so as to accommodate sixty patients instead of forty-six. This ward receives the acutely maniacal cases, and now that our numbers have increased so greatly, was not large enough to hold the augmented proportion of such cases. The original plan of the ward was a large day-room, with a corridor running from it, on each side of which were bedrooms and offices. This arrangement is a radically bad one, and the increased accommodation has been obtained by gutting one side of the corridor, and throwing it into the day-room. There is, therefore, now a fine large day-room with a long west frontage opening into the Garden. This plan, however, involved the destruction of a certain number of beds that could ill be spared. Therefore the old vegetable room, which adjoins the ward, has been converted into a dormitory, holding 12 beds, with three single rooms opening into it, and a double-bedded nurses' room beyond, which contains a window by which supervision of the dormitory can be obtained. The whole of the materials required for this rather large work cost under thirty pounds. The labour has been entirely effected by patients, directed by the Asylum staff of artisans and attendants. Considerable credit is due to them for the way in which the work has been executed.

5. A new meat larder has been built detached from the building. The old meat larder was an excavation under the kitchen, and was so damp and close that meat could not be kept in it. The new larder was built in the spring, and answers its purpose admirably.

6. The old larder has been converted into a vegetable room, and being close to, indeed under, the kitchen has been found very convenient for that purpose. The former vegetable room was in the midst of the Females' Wards, a long way from the kitchen, which was very inconvenient; moreover, the smell of the vegetables often pervaded the Females' Wards. It has been converted, as detailed above, into a dormitory for F 6 Ward.

Both these latter works have also been effected by our own staff, and at a very trifling cost.

All these various additions, alterations, and improvements were much needed, and have added very materially to the efficiency of the working of the various departments of the establishment. They have not cost the County of Sussex one penny, as the expenses attendant on their completion have been completely met by savings effected on private and out-county patients. They are all about finished, and will, with the opening of the new year, be in thorough working order.

The amusements of the patients during the early part of the year and the summer were carried on much as in former years, and included dances, concerts, readings, lectures, theatricals, cricket, croquet, footballs, pic-nics, &c.; but during the last three months they have been somewhat interfered with by the erection of the new Hall and the various other structural alterations going on. With the opening of the new year it is intended to renew them with increased vigour.

Some four years ago it was a constant subject of reproach by the Press, both medical and general, that so little was

Amusements.
Medical Notes.

done to advance the knowledge of mental diseases in the County Asylums. An endeavour was, therefore, made in this Asylum to help to clear away this reproach by publishing an Appendix to the Annual Report, containing a record of cases treated during the year. At the last meeting of the Medico-Psychological Association, however, it was determined to devote a portion of each number of the Journal of the Association to the publication of the most interesting of such cases collected from all the Asylums in England, and the co-operation of the Medical Officers of this Asylum was solicited. This will, therefore, obviate the necessity for a medical appendix to the annual report, the "Journal of Mental Science" being a much more appropriate and convenient vehicle for the publication of such records.

Weekly Rate.

The weekly maintenance rate per patient has been 9s. 6 $\frac{7}{8}$ d.* During 1872 it was 9s. 8 $\frac{1}{2}$ d. The Unions have been charged 9s. 6d., so that for the last two years the patients chargeable to Sussex have been maintained at a considerable loss. This deficit has been met by the balance accruing from the out County and Private Patients. It cannot but be considered very satisfactory that notwithstanding the great increase in the cost of all provisions and necessaries of life, the maintenance cost is less than last year. There are forty-five County Asylums in England. In only four of these besides the Sussex was the cost less this year than last. In most the increase has been very considerable.

Office of Clerk
and Steward—
Division of.

In July last Mr. S. A. Mortlock, who with much zeal and honesty of purpose had acted as clerk and steward of the Asylum, since its opening, signified his desire to become married. Unfortunately, however, the construction of the

* The average weekly maintenance for the rest of the County Asylums in England was 10s. 3d.

administrative block does not admit of accommodation for married officers; moreover, now that the Asylum has doubled in size, the work of the combined offices of clerk and steward had become almost too much for one officer, even though aided, as Mr. Mortlock had been, by a clerk. Therefore, at the July meeting of the Committee, it was determined to divide the office of clerk and steward held heretofore by Mr. Mortlock; to make Mr. Mortlock clerk of the Asylum, and to create a new office, the occupant of which was to be called storekeeper. This appointment was duly advertised, and Mr. W. H. Sherman, deputy-master of the Hackney Union, was elected at the meeting of the Committee, in September. He entered on his duties on October 20th. The office of clerk's assistant was abolished. The retention to the institution of the services of so efficient and reliable a financier as Mr. Mortlock was a matter of much satisfaction to me, as was also the increase of the salary of so excellent an officer as the Senior Assistant Medical Officer, Dr. Greene, from £150 to £200 a year.

The working of the institution during the year has been Conclusion. carried on by the officers, as heretofore, with perfect harmony; and in concluding his report, it only remains for the Medical Superintendent to thank them for their cordial co-operation.

(Signed),

S. W. D. WILLIAMS, M.D.,

Medical Superintendent.

Haywards Heath,

December 31st, 1873.

THE CHAPLAIN'S FIFTEENTH ANNUAL REPORT.

Fifteenth Annual Report.

THE Chaplain presents his customary Report to the Committee of Visiting Magistrates for the past year, the fifteenth since the opening of this Asylum.

Sunday Services.

The services on Sunday and on Christmas Day and Good Friday in the Chapel and in the wards have been carried out as usual.

Administration of Holy Communion.

The Holy Communion has been administered on the usual Sundays in the Chapel, and from time to time in the Female Infirmary.

Daily Prayers.

The Morning Prayers in the dining halls have been read regularly, and the patients have appeared orderly and attentive.

Library.

The Circulating Library for the household and the books in the wards have been much used by those for whom they are intended, and appear to be valued.

Visits, &c.

The Chaplain has visited the infirmaries, wards, &c., at the appointed times, and on other occasions, and his visits seem to be welcomed by many of the patients.

Commemoration.

The Commemoration Festival was kept on July 25th. The sermon was preached by the Rev. R. E. Sanderson, M.A., Head Master of Lancing College; the lessons were read by the Rev. H. J. Rush, M.A.

Burials.

48 Burials and 21 Removals have taken place during the year.

Conclusion.

The Chaplain desires to thank all the members of the staff for their support in the execution of his duties.

(Signed) THOMAS E. CRALLAN, M.A.,
Chaplain.

Haywards Heath,
December 31st, 1873.

METEOROLOGICAL REPORT.

THE year 1873 has been an average year on all points. There was neither excessive heat or cold, nor extreme wet or drought.

The month of April was dry and cold. The frost on the 18th of that month injured the pears, cherries, and plums. Other fruits escaped, and the apple crop was abundant.

October was the wettest month in the year, having a rainfall of 4·10 inches. December was the driest month, its rainfall amounting to only ·68 inches.

The greatest cold occurred on December 10th, when the minimum thermometer on the grass recorded a temperature of 17·0°.

The greatest heat was recorded on June 16th, the black bulb thermometer in the sun standing at 138·0°.

The greatest rainfall in twenty-four hours took place on July 13th, and amounted to 1·16 inches.

The usual table is annexed.

(Signed), THOMAS E. CRALLAN.

Meteorological Observations taken at the County Lunatic Asylum during 1873.

Year 1873.	Pressure of atmosphere corrected and reduced.		Temperature of the Air.										Radiation Thermometer.				Wind.								Rain.			
	9 a.m.	Range.	Maximum.	Minimum.	Range.	Mean.						Maximum in Sun.	Minimum on Grass.	Range.	Mean Maximum.	Mean Minimum.	Mean Velocity in miles per diem.	Direction.								Mean Amount of Ozone.	No. of days it fell.	Amount Collected.
						Of all Maxima.	Of all Minima.	Daily Range.	Daily Temp.	Dew point.	Humidity Satn. 100							N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
January ..	29.774	1.682	53.6	28.4	25.2	46.5	37.5	9.0	42.1	38.8	90.6	85.0	24.5	60.5	66.1	35.0	0	4	2	1	9	11	1	3	9	6	19	2.90
February ..	30.068	1.760	49.7	20.8	28.9	39.6	30.6	9.0	34.8	31.4	88.2	89.8	24.8	65.0	58.6	29.8	4	9	3	3	0	1	2	6	6	9	13	2.03
March	29.802	.879	67.0	28.4	38.6	52.2	36.4	15.8	43.6	39.7	86.2	110.0	22.0	88.0	92.4	33.6	8	4	6	2	4	5	2	0	10	6	18	1.68
April	29.999	.764	73.6	25.3	48.3	56.0	38.1	17.9	45.9	40.7	77.8	123.0	18.2	104.8	103.2	34.0	7	6	1	3	0	1	5	7	8	6	14	.84
May	29.984	.847	70.1	28.8	41.3	61.7	41.3	20.4	49.9	46.2	78.0	130.0	20.2	109.8	115.4	35.1	6	6	1	0	2	5	7	4	8	6	14	1.21
June	29.982	.658	79.3	39.9	39.4	69.0	49.7	19.3	57.7	55.1	82.3	138.0	30.0	108.0	117.4	44.2	3	3	3	2	2	7	9	1	8	8	14	2.53
July	29.999	.482	86.2	47.5	38.7	71.9	52.9	19.0	61.6	59.6	81.1	136.5	42.0	94.5	122.3	48.0	0	1	2	1	4	14	8	1	9	5	13	2.41
August	29.968	.590	87.7	44.0	43.7	71.7	53.2	18.5	61.4	59.0	82.5	133.8	38.5	95.3	121.3	48.0	0	0	3	1	3	9	13	2	9	6	17	3.33
September ..	29.994	1.215	70.7	38.6	32.1	64.1	46.7	17.4	54.3	54.0	90.7	125.8	34.0	91.8	118.2	41.8	0	4	3	2	0	10	8	3	8	6	10	2.83
October	29.898	1.570	72.0	27.4	44.6	57.9	41.0	16.9	49.0	47.7	92.3	122.7	21.2	101.5	97.0	37.7	3	2	4	3	5	7	5	2	6	7	23	4.10
November..	29.878	1.243	57.8	31.5	26.3	50.8	39.1	11.7	44.9	41.9	89.0	107.0	26.5	80.5	83.7	35.8	1	9	6	0	4	4	6	0	9	6	14	2.00
December..	30.300	1.058	55.0	21.0	34.0	47.4	34.5	12.9	41.4	37.8	90.3	95.0	17.0	78.0	68.7	30.5	1	5	2	4	0	9	9	1	8	6	10	.68
Mean or Total for the Year.	29.970	1.062	68.5	31.8	36.7	57.4	41.8	15.6	48.9	46.0	85.7	116.4	26.6	89.8	97.0	37.8	33	53	36	22	33	83	75	30	8	6	179	26.54

(Signed) THOMAS E. CRALLAN.

REPORT BY THE VISITING COMMISSIONERS IN LUNACY.

SUSSEX COUNTY ASYLUM,
29th and 30th January, 1873.

SINCE the visit of our colleagues, on the 20th of June last year, the following changes have taken place amongst the Patients, viz. :—

	M.	F.	Total.
Admitted . . .	94	60	154
Discharged . . .	24	33	57
Died . . .	25	20	45

Leaving the total numbers on the books at 332 in the Male, and 384 in the Female Division.

Of these 49 patients belong to Maidstone and 29 to St. Pancras parish in London. There are also 2 women belonging respectively to Bath and Dover. Amongst the present inmates there are 3 males and 9 females of the private class.

The weekly charges are now 9s. 6d. for paupers, 14s. for out-county, and 16s. for private patients.

At our visits yesterday and this morning we have seen all the inmates except a woman away on leave, and a man who escaped two or three days ago, and has not yet been recaptured. We have been much pleased with the very excellent condition in which we found the whole establishment. The

utmost cleanliness and good order prevailed throughout, and all the wards for the worst, as well as for the most orderly classes, were equally well supplied with books, games, and a profusion of flowering plants. The success which attends this mode of treating the patients was shown in their contented and orderly demeanour, whilst we are assured that scarcely a flower had been broken or a book destroyed. The supply of flowers has been greatly facilitated by the erection of an excellent greenhouse in connection with the new gardener's cottage. The personal condition of the patients was very satisfactory.

Their linen is changed twice a week, and we are informed that they have also two baths in the same period. The bedding was well attended to and sufficient in quantity; but we thought the upper dormitories very cold, and suggested that the stoves should be lighted during the present cold weather.

We saw the dinners served in the Women's Dining Room yesterday, which were very good.

Upwards of 300 patients were present, and all were perfectly quiet and well behaved.

The sanitary state of the Asylum seems to be satisfactory, and the general health during the autumn has been good.

The following were the assigned causes of the 45 deaths which have taken place since the 20th of June, viz.:—Epilepsy, 6; softening of the brain, 5; phthisis, 7; gangrene of lungs, 1; pneumonia, 2; general paralysis, 7; decay of old age, 2; meningitis, 1; disease of heart, 8; abscess of liver, 1; apoplexy, 1; bronchitis, 1; accidental poisoning, 1; melancholia, 1; diarrhoea, 1.—Total, 45.

Inquests were held in two cases—1st, that of the man who died from accidental poisoning by carbolic acid, the particulars of which were fully reported to the Board at the time, and the second that of a man whose death was sudden, the cause being aneurism of the heart. *Post-mortem* examinations have been made in 27 cases.

There was no patient in seclusion during our visit, nor was any one restrained; but since the last visit 5 men, and 15 women have been secluded, the former on 10 and the latter on 46 occasions.

“Wet Packing” is entered in the Medical Journal as having been employed in the cases of 8 males on 19 occasions, and 8 females on 54 occasions. Dr. Williams continues to have great confidence in the efficiency of this mode of treatment in certain forms of insanity.

The means taken to promote industrial occupation amongst the patients continues to be very satisfactory. A large proportion of the inmates are employed, and many have been instructed in trades and occupations of which they had previously no knowledge. The result is that all the clothes, shoes, bedding, mats, matting, and furniture are made on the premises.

Liberal arrangements are made for recreation. Pic-nics were frequently held during the summer, and there were weekly drives and excursions to Brighton. A new covered van has been provided for this purpose.

In the autumn and winter months there have been frequent balls and concerts, with readings and other entertainments.

The arrangements for the performance of Divine Service

remain as before. There are three services on Sunday, at which 245 men and 303 women are present.

The Chaplain holds school classes twice a week, at which 25 patients of each sex usually attend, and the result is stated to be very beneficial to them.

There are now 25 attendants of each sex, and we are glad to find that since the 1st of January their wages have been increased, the ordinary male attendants now commencing at £24, and increasing to £30, and the charge attendants beginning at £30 and increasing to £40. The nurses of the same classes commence at £15 and £20 respectively, and increase to £20 and £25. The men are each supplied with a suit of uniform, and the nurses are also partially supplied with dresses.

In addition to the staff of attendants, there are 20 paid artisans and farm labourers.

It will be seen from the above Report that the Asylum continues to be maintained in a very satisfactory manner, and that the welfare of the patients is in all respects most carefully attended to.

W. G. CAMPBELL, } Commissioners
JAMES WILKES, } in Lunacy.

APPENDIX.

CONTAINING THE

TABLES OF THE MEDICO-PSYCHOLOGICAL ASSOCIATION, &c.

The Medical Superintendent desires to acknowledge the services rendered to him by the Clerk of the Asylum (Mr. S. A. Mortlock) in the compilation of these Tables.

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TABLE 1.

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year 1873.

				Male.	Female.	Total.
In the Asylum, 1st January, 1873 ..				332	383	715
	M.	F.	T.			
Admitted for the first time during the year	88	85	173			
Re-Admitted during the year	12	19	31			
Total Admitted.....				100	104	204
Total under care during the year				432	487	919
Discharged or Removed :						
	M.	F.	T.			
Recovered.....	30	43	73			
Relieved	14	26	40			
Not Improved	1	2	3			
Died	45	25	70			
Total Discharged and Died during the year				90	96	186
Remaining in the Asylum, Dec. 31st, (inclusive of absent on trial), 1 Male				342	391	733
Average numbers resident during the year				337.3	392.7	730.

TABLE II.

Showing the Admissions, Re-Admissions, and Discharges, from the Opening of the Asylum to the present date, 31st December, 1873.

	Male.	Female.	Total.
Admitted during the Period of $14\frac{1}{2}$ years	1194	1139	2333
Re-Admissions	73	117	190
Total of Cases Admitted	1267	1256	2523
Discharged or Removed :			
	M.	F.	T.
Recovered.....	255	371	626
Relieved	91	97	188
Not Improved	117	43	160
Died	462	354	816
Total Discharged and Died during the $14\frac{1}{2}$ years	925	865	1790
Remaining, December 31, 1873	342	391	733
Average numbers resident during the $14\frac{1}{2}$ years	252	290	542

TABLE III.

Showing the Admissions, Discharges, and Deaths, with the Mean Annual Mortality and proportion of Recoveries per cent. of the Admissions for each Year since the Opening of the Asylum, July 25, 1859.

YEAR.	Admitted.			Discharged.						Died.	Remaining 31st Dec. in each year.			Average No. Resident.			Per centage of Recoveries on Admissions.			Per centage of Deaths on average Nos. Resident							
	Male.	Female.	Total.	Recovered.			Relieved.				Not Improved.			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Both Sexes.					
				Male.	Female.	Total.	Male.	Female.	Total.		Male.	Female.	Total.										Male.	Female.	Total.		
1859.....	143	164	307	2	4	6	...	...	...	1	1	2	4	6	10	135	150	285	108	124	232	1.4	2.4	1.9	3.7	4.8	4.3
1860.....	80	104	184	12	18	30	6	1	5	4	1	5	25	9	34	172	227	399	133	161	294	15.0	17.3	16.3	18.8	5.5	11.5
1861.....	103	66	169	7	22	29	4	18	28	10	3	18	26	19	45	228	231	459	192	227	419	6.8	33.3	17.1	13.5	8.3	10.7
1862.....	60	69	129	14	16	30	7	3	10	23	18	41	23	18	41	242	258	500	232	249	481	23.3	23.1	23.2	9.9	7.2	8.5
1863.....	59	22	81	13	19	32	11	1	34	28	15	43	28	15	43	220	243	463	235	256	491	22.0	86.3	39.5	11.9	5.8	8.7
1864.....	64	70	134	14	10	24	7	4	8	36	21	57	36	21	57	225	276	501	223	250	473	21.8	14.2	17.9	16.1	8.4	12.0
1865.....	67	57	124	16	17	33	12	4	5	36	29	65	36	29	65	233	277	510	227	281	508	23.8	29.8	26.6	15.8	10.3	12.7
1866.....	70	89	159	17	25	42	13	...	1	40	30	70	40	30	70	240	303	543	239	296	535	24.2	28.2	26.4	16.7	10.1	13.0
1867.....	69	93	162	15	27	42	19	4	5	35	37	72	35	37	72	252	315	567	244	312	556	21.7	29.0	25.9	14.3	11.8	12.9
1868.....	119	73	192	14	34	48	10	...	2	28	24	52	28	24	52	322	325	647	290	326	616	11.7	46.6	25.0	9.6	7.3	8.4
1869.....	60	68	128	21	25	46	10	3	5	35	29	64	35	29	64	318	332	650	320	333	653	35.0	36.7	36.0	10.9	8.7	9.8
1870.....	83	83	166	29	32	61	7	...	...	28	29	57	28	29	57	339	352	691	332	344	676	34.9	38.5	36.7	8.4	8.5	8.4
1871.....	52	64	116	28	35	63	24	1	49	38	31	69	38	31	69	261	341	602	304	345	649	53.8	54.7	54.3	12.5	9.0	10.6
1872.....	138	130	268	23	44	67	18	2	3	35	32	67	35	32	67	332	383	715	295	369	664	16.6	33.8	25.0	11.8	8.6	10.1
1873.....	100	104	204	30	43	73	40	1	3	45	25	70	45	25	70	342	391	733	337	393	730	30.0	41.0	35.7	13.0	6.6	9.5
TOTAL.....	1267	1256	2523	255	371	626	188	117	43	462	354	816	...	...	...	...	...	...	...	252	290	542	...	...	...	...	...

* This apparently low per centage of recoveries is due to the admission of nearly 100 chronic Lunatics from St. Pancras and Maidstone. The recoveries on the admissions from the County are at the rate of 35.6 per cent.

TABLE IV.

Showing the History of the Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths, and the Numbers of each year remaining on the 31st December, 1873.

Admitted.				Of each year's Admissions Discharged and Died in 1872.								Total Discharged and Died of each Year's Admissions to 31st Dec., 1872.								Remaining of each year's Admissions Dec. 31, 1873.				YEAR.									
New Cases.		Relapsed Cases.		Re-covered.		Relieved.		Not Im-proved.		Died.		Re-covered.		Relieved.		Not Im-proved.		Died.		Re-covered.		Relieved.			Not Im-proved.		Died.		Remaining of each year's Admissions Dec. 31, 1873.		YEAR.		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Tot.			
1859...	143	164	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	102	1859
1860...	79	104	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	1860
1861...	102	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	1861
1862...	58	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	1862
1863...	58	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	1863
1864...	56	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32	1864
1865...	62	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	1865
1866...	64	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35	1866
1867...	63	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	1867
1868...	116	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	1868
1869...	57	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	1869
1870...	76	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	44	1870
1871...	42	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39	1871
1872...	130	119	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	125	1872
1873..	88	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142	1873
TOTAL	1194	1139	73	117	2523	30	43	73	14	26	40	1	2	3	45	25	70	225	328	553	77	71	148	116	41	157	417	329	746	342	391	733	TOTAL

Summary of the Total Admissions, 1859-73.				Both Sexes.	
Male.		Female.		Both Sexes.	
20.2		29.6		24.8	
7.2		7.7		7.4	
9.2		3.4		6.4	
36.4		28.2		32.3	
27.0		31.1		29.1	
100.		100.		100.	

Per centage of Cases Recovered	24.8
Relieved	7.4
Not Improved	6.4
Dead	32.3
Remaining	29.1

TABLE V.

Showing the Causes of Death during the Year.

CAUSES OF DEATH.	Male.	Female.	TOTAL.
<i>Cerebral or Spinal Diseases.</i>			
Inflammation and other Diseases of the Brain, Softening, &c. ...	8	0	8
Epilepsy	5	4	9
Progressive Paralysis of the Insane	14	0	14
Maniacal or Melancholic Exhaustion	3	2	5
<i>Thoracic Diseases.</i>			
Inflammation of Lungs, and Pleuræ	1	0	1
Pulmonary Consumption	5	4	9
Disease of the Heart	4	9	13
Pericarditis	1	0	1
<i>Abdominal Diseases.</i>			
Disease of Kidneys	0	1	1
Diarrhoea	0	1	1
Decay of Old Age	4	4	8
TOTAL.....	45	25	70

TABLE VI.

*Showing the length of Residence of those Discharged Recovered,
and in those who have Died during the year 1873.*

Length of Residence.	RECOVERED.			DIED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under 1 month	„	2	2	6	1	7
From 1 to 3 months	6	4	10	5	3	8
„ 3 „ 6 „	9	15	24	11	1	12
„ 6 „ 9 „	7	3	10	„	1	1
„ 9 „ 12 „	5	9	14	5	„	5
„ 1 „ 2 years	2	6	8	3	3	6
„ 2 „ 3 „	1	2	3	1	1	2
„ 3 „ 5 „	„	„	„	3	2	5
„ 5 „ 7 „	„	„	„	1	2	3
„ 7 „ 10 „	„	1	1	2	5	7
„ 10 „ 13 „	„	1	1	6	3	9
„ 13 „ 16 „	„	„	„	2	3	5
TOTAL	30	43	73	45	25	70

TABLE VII.

Showing the Duration of the Disorder on Admissions, Discharges, and Deaths during the Year 1873.

Duration of Disease on Admission in Four Classes.												
CLASS.	The Admissions.			The Discharges.			The Deaths.					
	Recovered.			Removed, Relieved, or otherwise.			Total.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.			
FIRST CLASS— First attack, and within three months on admission.....	37	35	72	10	14	24	7	3	10	16	8	24
SECOND CLASS— First attack, above three and within twelve months on admission.....	11	12	23	1	6	7	...	3	3	7	5	12
THIRD CLASS— Not first attack, and within twelve months on admission.....	26	39	65	15	19	34	5	16	21	6	3	9
FOURTH CLASS— First attack or not, but of more than twelve months on admission	13	12	25	...	3	3	1	4	5	8	8	16
Not ascertained	13	6	19	4	1	5	2	2	4	8	1	9
TOTAL.....	100	104	204	30	43	73	15	28	43	45	25	70

TABLE IX.

Condition as to Marriage in the Admissions, Discharges, and Deaths during the Year 1873.

Condition in Reference to Marriage.	The Admissions.			The Discharges.			The Deaths.		
	The Admissions.			Recovered.		Removed, Relieved, or otherwise.	The Deaths.		
				Male.	Female.	Total.			
Single.....	Male.	Female.	Total.	8	14	22	Male.	Female.	Total.
	32	45	77				14	11	25
	57	49	106	18	23	41	24	5	29
	6	10	16	3	6	9	4	9	13
Not ascertained	5	...	5	1	...	1	3	...	3
TOTAL.....	100	104	204	30	43	73	45	25	70

TABLE X.

Showing the probable Causes, Apparent or Assigned, of the Disorders in the Admissions, Discharges, and Deaths of the year.

CAUSES.	The Admissions.			The Discharges.						The Deaths.		
				Recovered.			Removed, Re- lieved or otherwise.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
MORAL.												
Religion	3	6	9	..	1	1	..	..	..	..	1	1
Family Trouble	6	9	15	4	4	8	..	..	..	6	1	7
Love	2	2	4	1	1	2	1	..	1	..	1	1
Fright .....	..	2	2	..	..	..	..	1	1	..	..	..
PHYSICAL.												
Climacteric .....	..	4	4	..	3	3	..	..	..	..	..	..
Intemperance	4	2	6	5	2	7	1	1	2	3	..	3
Weakness.....	1	..	1	..	1	1	..	2	2	..	2	2
Fever.....	1	..	1	..	1	1	..	1	1	..	..	..
Disease of the Brain.....	4	5	9	..	..	..	..	..	..	2	..	2
Injury to Head	5	3	8	3	..	3	2	..	2	..	..	..
Puerperal State .....	..	4	4	..	4	4	..	..	..	..	..	..
Epilepsy	3	1	4	1	..	1	..	..	..	2	2	4
Hereditary Tendency	3	3	6	..	..	..	..	1	1	1	1	2
Overwork	2	1	3	..	..	..	..	..	..	1	..	1
Sunstroke.....	2	..	2	..	..	..	..	..	..	1	..	1
Old Age	1	1	2	..	..	..	..	..	..	..	..	..
Syphilis .....	..	..	..	..	..	..	1	..	1	..	..	..
Not ascertained	63	61	124	16	26	42	10	22	32	29	17	46
TOTALS	100	104	204	30	43	73	15	28	43	45	25	70

TABLE XI.

Patients' Daily State and Employment. Average.

(Compiled from the Daily State Book, which is made up from the Ward Returns.)

OCCUPATION OR TRADE.		Daily Average No. of Patients.
<i>Male Patients.</i>		
Working Party. {	With the Gardener and out-door Attendants...	55
	With the Farm Attendants.....	14
	With the Cowman.....	4
With the	Carpenter	2
„	Bricklayer.....	3
„	Upholsterer	2
„	Basketmaker	3
„	Tailor.....	15
„	Shoemaker	12
„	Matmaker.....	12
„	Painter	6
„	Engineer	3
„	Baker.....	3
„	House Attendant	4
„	Bath „	3
In the	Dining Hall	8
„	Steward's Stores, Brewhouse, &c.....	3
„	Wards (cleaning)	66
<i>Daily Average number Employed</i>		218
<i>Female Patients.</i>		
In	Laundry and Wash-house	60
„	Kitchen	10
„	Dining Hall	16
„	Wards, &c. (Cleaning)	45
„	„ (Needlework)	135
„	Vegetable Room	14
<i>Daily Average Number Employed</i>		260
		DAILY ATTENDANCE.
ATTENDANCE AT—		M. F. TOTAL.
„	Sunday Chapel	220 280 500
„	Weekday „	250 306 556
„	School	48 50 98
„	Weekly Ball	110 125 235
„	Other Entertainments	120 140 260
Walk about	Grounds	170 240 410
„	beyond „	90 110 200
„	on Terraces	300 325 625
NIGHT REPORT.		
Number of	Wet Cases.....	5 4 9
„	Dirty „	5 5 1
„	Noisy (at Night).....	3 6 9
<i>Average number Resident } (mean Annual Population) }</i>		337 393 730

TABLE XII.
THE ESTABLISHMENT.
OFFICERS.

Medical Superintendent	£600	{	Furnished Apartments, Coals, Vegetables, and Laundry.
Chaplain	200		
Clerk to Visitors.....	150	{	None.
Clerk of Asylum.....	250		
Senior Asst. Med. Officer.....	200	{	Lodging, Board, Washing, and Attendance.
Junior Assistant Medical Officer	80		
Storekeeper.....	75	{	House, Coals, and Gas.
Housekeeper	60		
Head Attendant (Female Depart- ment)	70	{	
Ditto (Male ditto)	100		

ATTENDANTS AND SERVANTS.

1 Male Attendant (Night)	65	0	0	} None.
1 Ditto Ditto ...	56	0	0	
1 Ditto Ditto ...	50	0	0	
1 Organist & Schoolmaster	52	0	0	

Board, Lodging, and Washing:—

1 Male Attendant (Dining Hall)	40	0	0	1 Head Laundry Maid ...	23	0	0
3 Ditto	37	0	0	1 Laundry Maid	20	0	0
1 Ditto	36	0	0	1 Ditto	17	0	0
2 Ditto	35	0	0	1 Ditto	15	0	0
1 Ditto	34	0	0	1 House Porter	37	0	0
2 Ditto	33	0	0	1 Cook	30	0	0
2 Ditto	30	0	0	1 Dairy Maid	18	0	0
1 Ditto	29	0	0	1 Kitchen Maid	15	0	0
1 Ditto	28	0	0	3 Housemaids	12	0	0
3 Ditto	25	0	0	1 Farm Attendant	31	0	0
4 Ditto	24	0	0	1 Ditto	25	0	0
1 Female Attendant (Night)	20	0	0	1 Store and House Porter	24	0	0
2 Ditto	18	0	0	1 House Attendant	30	0	0
1 Ditto (Dining Hall)	20	0	0	1 Vegetable Room Maid	12	0	0
2 Ditto	25	0	0	<i>House, Coals, Vegetables, &c.</i>			
3 Ditto	23	0	0				
1 Ditto	22	0	0	per Week.			
1 Ditto	21	0	0	1 Engineer	1	16	0
3 Ditto	20	0	0	1 Bailiff	1	5	0
5 Ditto	18	0	0	1 Gardener	1	2	0
1 Ditto	17	0	0				
4 Ditto	15	0	0				
1 Ditto (Workroom)	24	0	0				

per Week.				per Week.			
Tailor.....	1	4	0	Bricklayer's Labourer ...	0	18	0
Shoemaker	1	4	0	Painter and Glazier	1	11	0
Ditto	1	4	0	Blacksmith	1	6	0
Mat Maker	1	4	0	Stoker	1	0	0
Basket Maker	1	4	0	Ditto	0	18	0
Upholsterer	1	11	0	Cowman	0	17	0
Baker	1	6	0	Cow Boy	0	6	0
Butcher	1	3	0	Carter	0	17	0
Under Garden Attendant	1	1	0	Carter's Boy	0	2	6
Carpenter	1	11	0	Assistant Carter.....	0	16	0
Bricklayer.....	1	11	0	Stock Man	0	12	0

TABLE XIV.
DIET SCALE.

	BREAKFAST, At 8.0 A.M.										DINNER At 1.0. P.M.										SUPPER, At 6.0 P.M.									
	Males.					Females.					Males.					Females.					Males.					Females.				
	Males.					Females.					Males.					Females.					Males.					Females.				
	Bread.	Cocoa.	Bread.	Butter.	Coffee.	Bread.	Uncooked Meat.	Meat Pudding.	Suet Pudding	Mutton Broth or	Plum Dumpling.	Vegetables.	Bread.	Beer.	Uncooked Meat.	Meat Pudding.	Plum Pudding.	Mutton Broth.	Meat Stew.	Vegetables.	Bread.	Sweet Cake or	Butter.	Bread.	Sweet Cake or	Butter.	Tea.			
Sunday.....	oz. 6	pt. 1	oz. 5	oz. 2	pt. 1	oz. 16	oz. 9	oz. 12	pt. 1	oz. 16	oz. 12	oz. 2	pt. 1	oz. 8	oz. 8	oz. 12	pt. 1	pt. 1	oz. 12	oz. 6	oz. 2	oz. 2	oz. 5	oz. 2	oz. 2	pt. 1				
Monday ...	6	1	5	4	1	8	4	..	1	..	8	2	1	4	4	8	12	6	2	2	5	2	1	1			
Tuesday ...	6	1	5	4	1	12	4	..	..	..	12	4	1	4	4	..	..	..	1	12	6	4	5	2	1	1
Wednesday	6	1	5	4	1	..	8	..	..	16	..	4	1	1	4	4	..	..	1	12	6	4	5	2	1	1
Thursday...	6	1	5	4	1	16	8	..	..	..	16	2	1	..	..	12	..	..	..	..	6	2	5	2	1	1
Friday	6	1	5	4	1	12	4	12	..	..	12	4	1	4	4	..	..	1	..	8	6	4	5	2	1	1
Saturday ...	6	1	5	4	1	8	4	..	1	..	8	2	1	4	4	8	..	..	..	12	6	2	5	2	1	1	
Weekly Tl.	42	7	35	25	7	72	30	24	12	2	16	72	20	3½	28	16	12	1	1	68	42	3½	35	25	7	7				

TABLE XIV. *Continued.*

DINNER.

	<i>Male Patients.</i>	<i>Female Patients.</i>		<i>Male Patients.</i>	<i>Female Patients.</i>
Sunday	Bacon and Suet Pudding, with Rice and Fruit in season.	Roast Meat, with Rice and Fruit in season.	Thursday	Roast Meat or Pickled Pork.	Plum Pudding and Treacle Sauce.
Monday	Mutton Broth or Bread and Cheese, (3oz).	Meat Pudding.	Friday	Meat Pudding.	Mutton Broth or Irish Stew.
Tuesday	Meat Pudding.	Meat Stew.	Saturday	Irish Stew.	Meat Pudding or Bacon 4oz., with Suet Pudding 8oz.
Wednesday	Plum Dumpling and Treacle Sauce.	Meat Stew.			

Bread, Beer, and Vegetables daily.
When Rice and Fruit Pudding is given on Sunday, 4 oz. less Suet Pudding to Males, and 1 oz. less Meat to Females.

Extra Diet for Sick.—Mince Meat, Steak, Mutton Chop, Fowl, Fish, Eggs, Mutton Broth, Beef Tea, Essence of Beef, Milk, Arrow Root, Rice Pudding, Batter Pudding, Sago, Barley Water, Gruel, Oranges, Biscuits, Calf's Foot Jelly, Porter, Bitter Ale, Port Wine, Sherry, Brandy, Gin, Whisky, Rum, Lemonade, Soda Water.

Extra Diet for Working Patients.— $\frac{1}{2}$ Pint Beer, 2 oz. Bread, 1 oz. Cheese, at 11 A.M., and $\frac{1}{2}$ Pint Beer at 4 P.M., the Laundry Patients 4oz. Bread with Butter and $\frac{1}{2}$ Pint Tea. Tobacco and Snuff given as indulgences.

Attendants' and Servants' Diet.—Men, 1 lb. Uncooked Meat; Women, $\frac{3}{4}$ lb. ditto; 1 lb. Vegetables, 1 lb. Bread, 2 Pints Beer daily. 2 oz. Tea, $\frac{3}{4}$ lb Sugar, $\frac{1}{4}$ Coffee, $\frac{1}{2}$ Butter, 1 lb. Cheese weekly. $\frac{1}{4}$ lb. of Meat may be exchanged for Pudding or Pie, at the discretion of the Housekeeper.

Cocoa for One Hundred Patients.— $3\frac{1}{4}$ lb. Cocoa, $6\frac{1}{4}$ lb. Treacle, 3 Gallons Milk, or more, if the Dairy yields it.

Coffee Ditto $1\frac{1}{2}$ lb. Coffee, $\frac{1}{4}$ lb. Chicory, $\frac{5}{8}$ lb. Treacle, 2 Gallons Milk.

Tea Ditto 1 lb. Tea, 4 lb. Sugar, and 2 Gallons Milk.

Mutton Broth Ditto { The Liquor of the Cooked Meat, Bones, &c., 25 lb. Meat, 3 lb. Scotch Barley, Oatmeal, Rice, 10 lb. Turnips, Cabbage, Parsnip, Leek, Onion, Artichokes, or other Vegetables, Herbs, Salt, and Pepper.

Meat Pie Ditto Dripping Crust, 31 lb. Flour, 50 lb. Potatoes, 13 lb. Meat.

Meat Pudding Ditto 25 lb. Meat, 25 lb Flour—Boiled or Baked.

Meat Stew Ditto 25 lb. Meat, in a Stew with Potatoes and other Vegetables mixed with Rice and Barley.

Plum Pudding 100 lbs. weight. Flour, $46\frac{3}{4}$ lbs., Suet, $6\frac{1}{4}$ lbs., Raisins, $7\frac{3}{4}$ lbs.

(Signed)

S. W. D. WILLIAMS, M.D.,
Medical Superintendent.

HAYWARDS HEATH, 31st December, 1873.

